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# **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

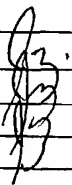
(Use as many sheets as necessary)

Sheet 1 of 2

## **Complete if Known**

Application Number	10/055,301
Filing Date	1/23/2002
First Named Inventor	Sheek, et al.
Art Unit	1775
Examiner Name	John J. Zimmerman
Attorney Docket Number	27475/07001

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (# known)			
J3.		US- 2,852,415	09-16-1958	Colbert, et al.	
		US- 5,976,639	11-02-1999	Iwata	
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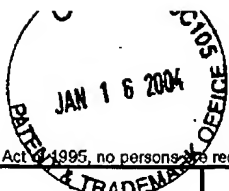
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document <sup>2</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)				
		EP 0875 598 A1	04-11-1998	Sugg et al.		
		JP 2000 303163 A	05-02-2001	Nippon Paint Co. Ltd.		
		JP 11 2311125 A	11-30-1999	Hoya Corp.		

Examiner Signature	John Zimmerman	Date Considered	7/29/04
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Examiner Name	John J. Zimmerman
Sheet 2 of 2	Attorney Docket Number	27475/07001	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
3		KUSANO E. et al., "Adhesion and Hardness of Compositionally Gradient TiO2/Ti/TiN, ZrO2/Zr/ZrN, and TiO2/Ti/Zr/ZrN Coatings" Thin Solid Films, Elsevier-Sequoia S.A. Lausanne, CH, vol, 334 no. 1/2; 4 December 1998	

Examiner Signature	John J. Zimmerman	Date Considered	4/27/04
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